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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/043,312	01/14/2002	Yuko Shiratori	F-11890	6296
21254 75	590 03/21/2005		EXAM	INER
MCGINN & GIBB, PLLC 8321 OLD COURTHOUSE ROAD			GARBOWSKI, LEIGH M	
			ART UNIT	DARED MUNICIPAL
SUITE 200			ARTONII	PAPER NUMBER
VIENNA, VA 22182-3817			2825	
			DATE MAILED: 03/21/2009	5

Please find below and/or attached an Office communication concerning this application or proceeding.

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	Application No.	Applicant(s)			
	10/043,312	SHIRATORI, YUKO			
Office Action Summary	Examiner	Art Unit			
	Leigh Marie Garbowski	2825			
The MAILING DATE of this communication app Period for Reply	pears on the cover sheet with th	e correspondence address			
A SHORTENED STATUTORY PERIOD FOR REPL THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.1 after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a repl - If NO period for reply is specified above, the maximum statutory period - Failure to reply within the set or extended period for reply will, by statute Any reply received by the Office later than three months after the mailin earned patent term adjustment. See 37 CFR 1.704(b).	36(a). In no event, however, may a reply by within the statutory minimum of thirty (30) will apply and will expire SIX (6) MONTHS for cause the application to become ABANDO	e timely filed days will be considered timely. rom the mailing date of this communication. DNED (35 U.S.C. § 133).			
Status					
1) Responsive to communication(s) filed on <u>05 January 2005</u> .					
·=	,				
3) Since this application is in condition for allowance except for formal matters, prosecution as to the m					
closed in accordance with the practice under E	Ex parte Quayle, 1935 C.D. 11,	. 453 O.G. 213.			
Disposition of Claims					
4)	wn from consideration. o.				
Application Papers					
9) The specification is objected to by the Examine 10) The drawing(s) filed on is/are: a) acc Applicant may not request that any objection to the Replacement drawing sheet(s) including the correct 11) The oath or declaration is objected to by the Example 11.	epted or b) objected to by the drawing(s) be held in abeyance. Silon is required if the drawing(s) is	See 37 CFR 1.85(a). objected to. See 37 CFR 1.121(d).			
Priority under 35 U.S.C. § 119					
12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1. Certified copies of the priority document 2. Certified copies of the priority document 3. Copies of the certified copies of the priority application from the International Bureau * See the attached detailed Office action for a list	s have been received. s have been received in Applic rity documents have been rece u (PCT Rule 17.2(a)).	ation No ived in this National Stage			
Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date	4) Interview Summa Paper No(s)/Mail 5) Notice of Informa 6) Other:				

U.S. Patent and Trademark Office PTOL-326 (Rev. 1-04)

Application/Control Number: 10/043,312

Art Unit: 2825

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-2, 7-9, 14-16, 21 are rejected under 35 U.S.C. 102(b) as being anticipated by Majors [U.S. Patent #5,581,475].

As per claims 1/8/15, a method/apparatus/computer program product [Abstract] comprising [taking the language of claim 1 as exemplary]: for each net in said circuit, identifying each branch point in said net [column 3, lines 7-20; column 23, lines 64-67]; calculating a current density at each said branch point of said net [column 4, lines 22-38; column 24, lines 1-5]; determining whether or not said current density exceeds a limit value [column 4, line 38-column 7, line 50; column 24, lines 6-15]; and revising a wiring which affects said current density in order to reduce said current density if said current density exceeds said limit value [column 7, line 51-column 8, line 3; column 24, lines 16-25]. As per the language of claim 2 as exemplary, wherein said limit value is determined to prevent said electro-migration [column 4, lines 48-51]. As per the language of claim 7 as exemplary, further comprising tracing said net to obtain said branch [column 5, lines 21-37].

Allowable Subject Matter

Claims 3-6, 10-13, 17-20 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Response to Arguments

Applicant's arguments with respect to the claims have been considered but are moot in view of the new ground(s) of rejection. Applicant's amendments have overcome each of the art rejections in the previous office action.

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Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Pillage et al. [U.S. Patent #5,379,231] disclose vectorizing tree branches to analyze voltage and current of resistive circuit elements.

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Leigh Marie Garbowski whose telephone number is 571-272-1893 and email is Leigh.Garbowski@uspto.gov. The examiner can normally be reached on days.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matthew Smith can be reached on 571-272-1907. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

EIGH M. G**ARBOW**SK: PRIMARY **EXAMIN**ER